

Docket No.
06944.0017

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

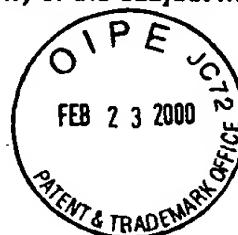
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HYBRID SIGNATURE SCHEME

the specification of which

(check one)

- is attached hereto.
- was filed on September 7, 1999 as United States Application No. or PCT International Application Number 09/390,362
and was amended on _____



(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FEB-23-2000 15:50
02/23/00 WED 10:24 FAX 284

ORANGE CHARI PILLAY
8898 SONESTA AXA

416 868 3454 P.05/18
002

FEB-22-2000 17:13

ORANGE CHARI PILLAY

416 868 3454 P.01/02

Page 3 of 4

POWER OF ATTORNEY: As a named Inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

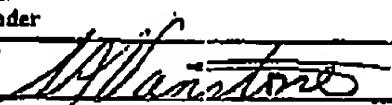
Ernest F. Chapman

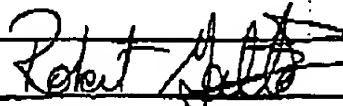
25,961

Send Correspondence to: Finnegan Henderson Farabow Garrett & Dunner
13001 Street, N.W.
Washington, DC 20005-3315
USA

Direct Telephone Calls to: (name and telephone number)

Ernest F. Chapman Telephone: (202) 408-4400 Teleximile: (202) 408-4000

Full name of sole or first inventor	VANSTONE, Scott Alexander
Sole or first Inventor's signature	
Date	Feb 23, 2000
Residence	539 Sandbrook Court
Citizenship	Canadian
Post Office Address	Waterloo, Ontario, Canada N2L 2H4

Full name of Second Inventor, if any	GALLANT, Robert
Second Inventor's signature	
Date	Feb 22/00
Residence	4788 Rosebush Road
Citizenship	Canadian
Post Office Address	Mississauga, Ontario, Canada L5M 5N1

Full name of third inventor, if any LAMBERT, Robert J.	Date
Third Inventor's signature	
Residence 63 Holm Street	
Citizenship Canadian	
Post Office Address Cambridge, Ontario, Canada N3C 3N3	

Full name of fourth inventor, if any PINTSOV, Leon A.	Date
Fourth Inventor's signature	
Residence 10 Governors Row	
Citizenship American	
Post Office Address West Hartford, Connecticut, U.S.A. 06117	

Full name of fifth inventor, if any RYAN, Rick	Date
Fifth Inventor's signature	
Residence 4 Naples Lane	
Citizenship American	
Post Office Address Oxford, Connecticut, U.S.A. 06478	

Full name of sixth inventor, if any SINGER, Ari	Date
Sixth Inventor's signature	
Residence 169 School St. Apt. 11B	
Citizenship American	
Post Office Address Hamden, Connecticut, U.S.A. 06518-3123	

Docket No.
06944.0017

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (If plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HYBRID SIGNATURE SCHEME

the specification of which

(check one)

is attached hereto.

was filed on September 7, 1999 as United States Application No. or PCT International Application Number 09/390,362

and was amended on _____



(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*list name and registration number*)

Ernest F. Chapman 25,961

Send Correspondence to: **Finnegan Henderson Farabow Garrett & Dunner**
13001 Street, N.W.
Washington, DC 20005-3315
USA

Direct Telephone Calls to: (*name and telephone number*)

Ernest F. Chapman Telephone: (202) 408-4400 Facsimile: (202) 408-4000

Full name of sole or first inventor VANSTONE, Scott Alexander	Date
Sole or first inventor's signature	
Residence 539 Sandbrook Court	
Citizenship Canadian	
Post Office Address Waterloo, Ontario, Canada N2T 2H4	

Full name of second inventor, if any GALLANT, Robert	Date
Second inventor's signature	
Residence 4788 Rosebush Road	
Citizenship Canadian	
Post Office Address Mississauga, Ontario, Canada L5M 5N1	

FEB-23-2000 15:51

ORANGE CHARI PILLAY

416 868 3454 P.10/18

FEB-23-2000 10:54

ORANGE CHARI PILLAY

416 868 3454 P.05/05

Page 4 of 4

Full name of third inventor, if any
LAMBERT, Robert J.

Third inventor's signature

Date

Residence
63 Holm Street

Citizenship
Canadian

Post Office Address
Cambridge, Ontario, Canada N3C 3N3

Full name of fourth inventor, if any
PINTSOV, Leon A.

Fourth inventor's signature

Date

Residence
10 Governors Row

Citizenship
American

Post Office Address
West Hartford, Connecticut, U.S.A. 06117

Full name of fifth inventor, if any
RYAN, Dick Frederick W., Jr.

JWR 2/23/00

Fifth inventor's signature

*Dickrich F. Ryan, Jr.*Date
2/23/00

Residence
4 Naples Lane

Citizenship
American

Post Office Address
Oxford, Connecticut, U.S.A. 06478

Full name of sixth inventor, if any
SINGER, Art

2/23/00

Sixth inventor's signature

Art P. Singer

Date

Residence
169 School St. Apt. 11B

Citizenship
American

Post Office Address
Hamden, Connecticut, U.S.A. 06518-3123

FEB 23 '00 11:51

TOTAL P.05

** TOTAL PAGE.02 **

Docket No.
06944.0017

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HYBRID SIGNATURE SCHEME

the specification of which

(check one)

is attached hereto.

was filed on September 7, 1999 as United States Application No. or PCT International Application Number 09/390,362

and was amended on _____

(if applicable)



I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*list name and registration number*)

Ernest F. Chapman 25,961

Send Correspondence to: Finnegan Henderson Farabow Garrett & Dunner
13001 Street, N.W.
Washington, DC 20005-3315
USA

Direct Telephone Calls to: (*name and telephone number*)

Ernest F. Chapman Telephone: (202) 408-4400 Facsimile: (202) 408-4000

Full name of sole or first inventor VANSTONE, Scott Alexander	Date
Sole or first inventor's signature	
Residence 539 Sandbrook Court	
Citizenship Canadian	
Post Office Address Waterloo, Ontario, Canada N2T 2H4	

Full name of second Inventor, if any GALLANT, Robert	Date
Second Inventor's signature	
Residence 4788 Rosebush Road	
Citizenship Canadian	
Post Office Address Mississauga, Ontario, Canada L5M 5N1	

FEB-23-2000 15:52
02/23/00 WED 10:24 FAX 264

ORANGE CHARI PILLAY
6898 SONESTA AXA

416 868 3454 P.14/18

003

ED P.
FEB-22-2000 17:14

ORANGE CHARI PILLAY

416 868 3454 P.02/02

Page 4 of 4

Full name of third inventor, if any
LAMBERT, Robert J.

Third inventor's signature

Date

Residence
63 Halm Street

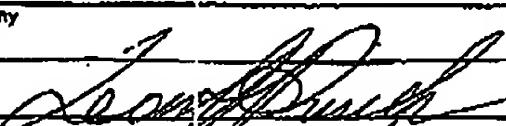
Citizenship
Canadian

Post Office Address
Cambridge, Ontario, Canada N3C 3N3

Full name of fourth inventor, if any
PINTSOV, Leon A.

Fourth inventor's signature

Date


2/25/2000

Residence
10 Governors Row

Citizenship
American

Post Office Address
West Hartford, Connecticut, U.S.A. 06119

Full name of fifth inventor, if any
RYAN, Dick

Fifth inventor's signature

Date

Residence
4 Naples Lane

Citizenship
American

Post Office Address
Oxford, Connecticut, U.S.A. 06478

Full name of sixth inventor, if any
SINGER, Ari

Sixth inventor's signature

Date

Residence
169 School St. Apt. 11B

Citizenship
American

Post Office Address
Hamden, Connecticut, U.S.A. 06518-3123

Docket No.
06944.0017

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HYBRID SIGNATURE SCHEME

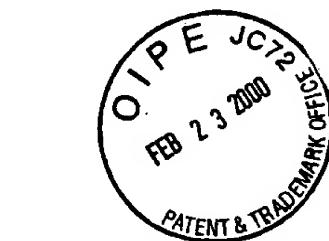
the specification of which

(check one)

is attached hereto.

was filed on September 7, 1999 as United States Application No. or PCT International Application Number 09/390,362

and was amended on _____



(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*list name and registration number*)

Ernest F. Chapman

25,961

Send Correspondence to: **Finnegan Henderson Farabow Garrett & Dunner**
13001 Street, N.W.
Washington, DC 20005-3315
USA

Direct Telephone Calls to: (*name and telephone number*)**Ernest F. Chapman Telephone:** (202) 408-4400 **Facsimile:** (202) 408-4000

Full name of sole or first inventor VANSTONE, Scott Alexander	Date
Sole or first inventor's signature	
Residence 539 Sandbrook Court	
Citizenship Canadian	
Post Office Address Waterloo, Ontario, Canada N2T 2H4	

Full name of second inventor, if any GALLANT, Robert	Date
Second Inventor's signature	
Residence 4788 Rosebush Road	
Citizenship Canadian	
Post Office Address Mississauga, Ontario, Canada L5M 5N1	

10:17.1 2019-07-03 TOTAL P.03

וְאֵת שָׁמֶן וְאֵת כָּלֹת

4:29PM

RECEIVED TIME

Page 4 of 4

Full name of Third Inventor, if any LAMBERT, Robert J.	
Third Inventor's signature <i>Robert J. Lambert</i>	Date Feb. 22, 2000
Residence 63 Holm Street	
Citizenship Canadian	
Post Office Address Cambridge, Ontario, Canada N3C 3N3	

Full name of fourth inventor, if any PINTSOV, Leon A.	Date
Fourth inventor's signature	
Residence 10 Governor's Row	
Citizen of American	
Post Office Address West Hartford, Connecticut, U.S.A. 06117	

Full name of fifth Inventor, if any RYAN, Rick	Date
Fifth Inventor's signature	
Residence 4 Naples Lane	
Citizenship American	
Post Office Address Oxford, Connecticut, U.S.A. 06478	

Full name of first inventor, if any SINGER, Ari	Date
Sister inventor's signature	
Residence 169 School St. Apt. 11B	
Citizenship American	
Post Office Address Hamden, Connecticut, U.S.A. 06518-3123	

Digitized by srujanika@gmail.com

ca-ct १९०७-८७-५३४
TOTAL P. 18